

Figure 1

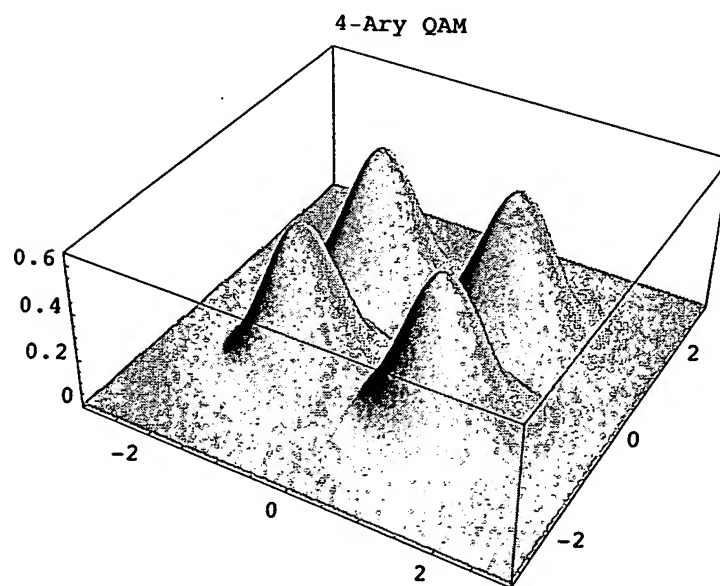


Figure 2

BEST AVAILABLE COPY

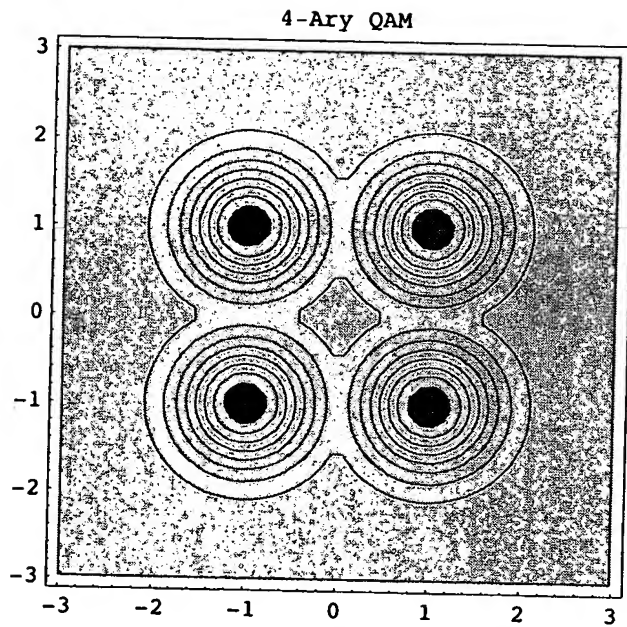


Figure 3

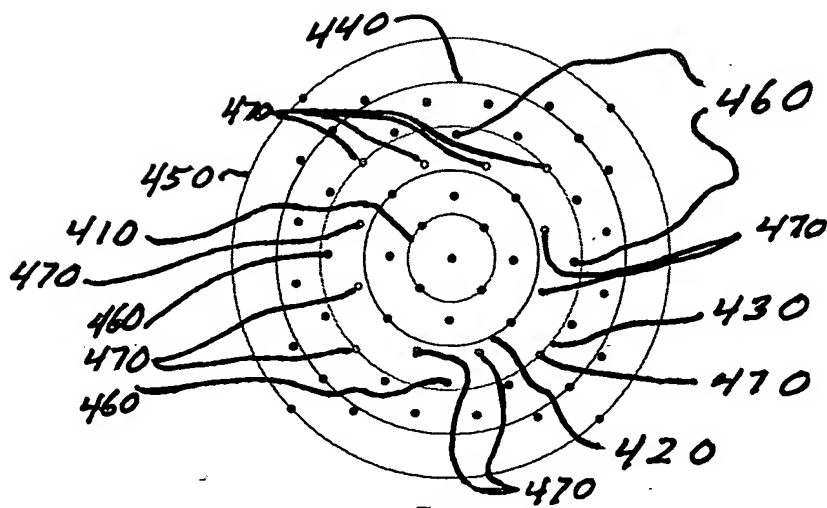


Figure 4

BEST AVAILABLE COPY

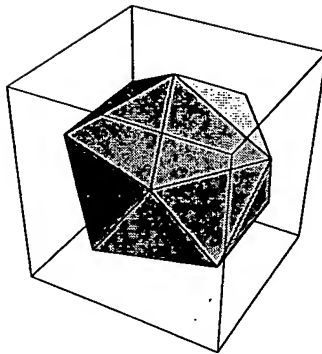


Figure 5

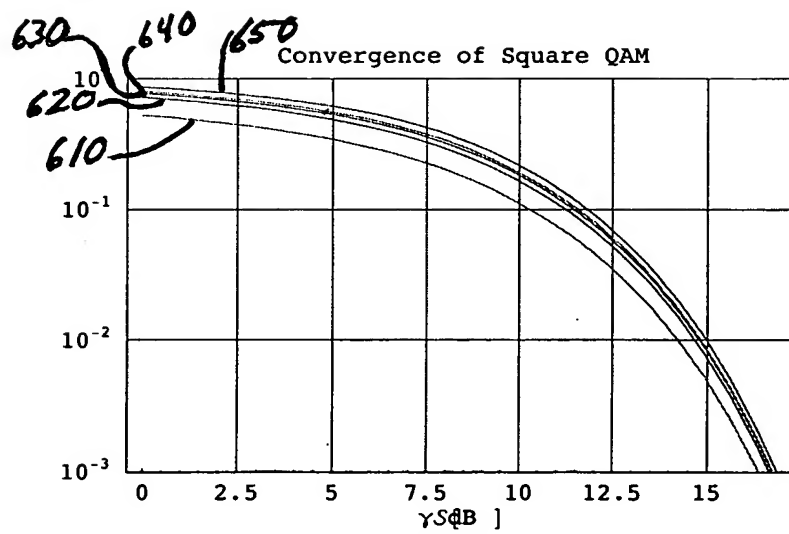


Figure 6

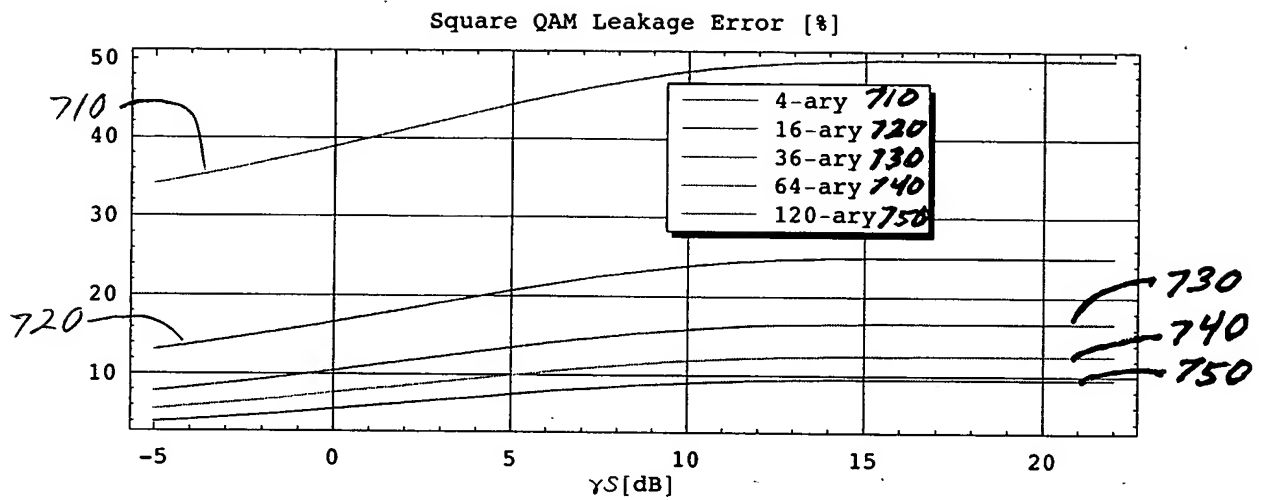


Figure 7

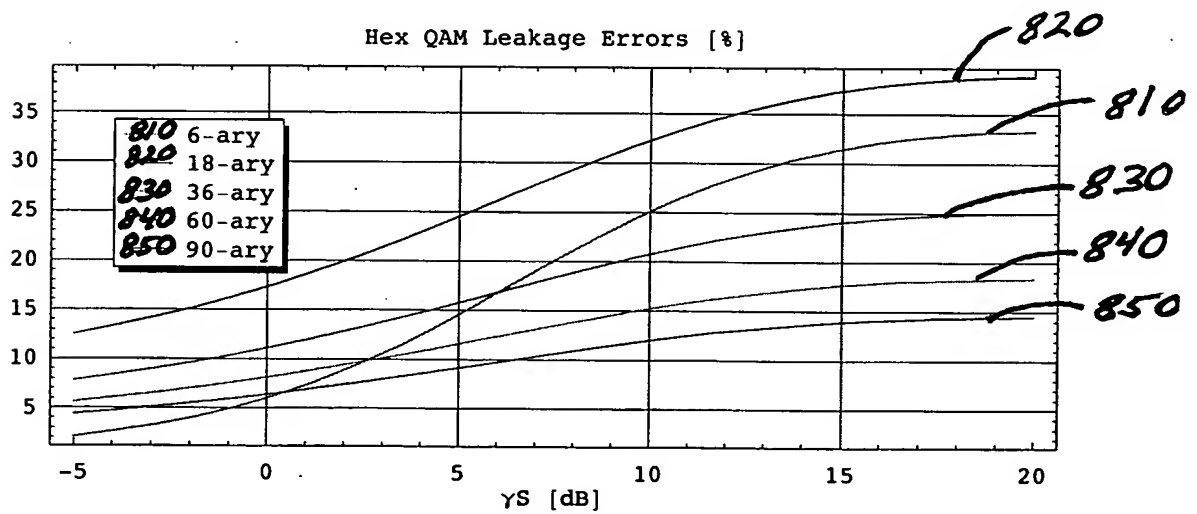
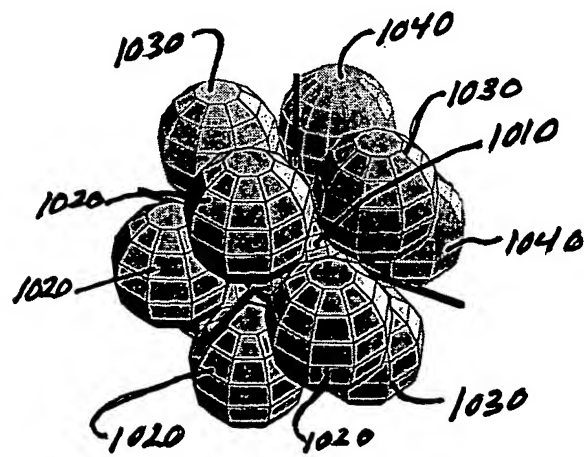
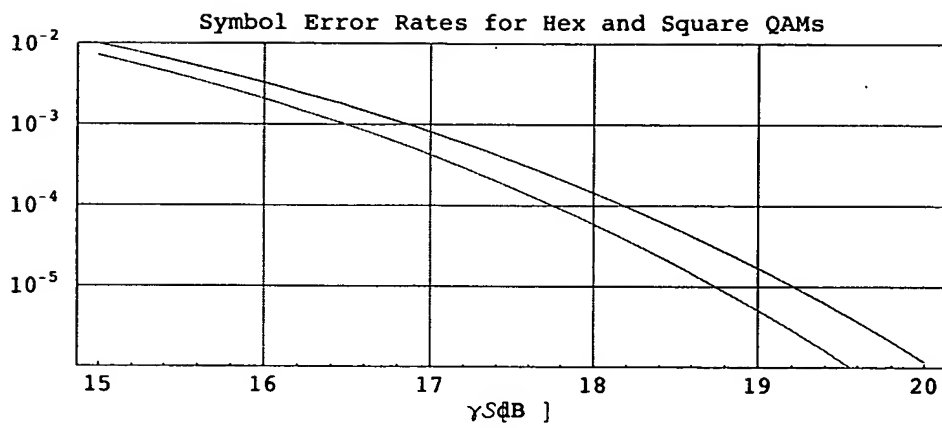


Figure 8



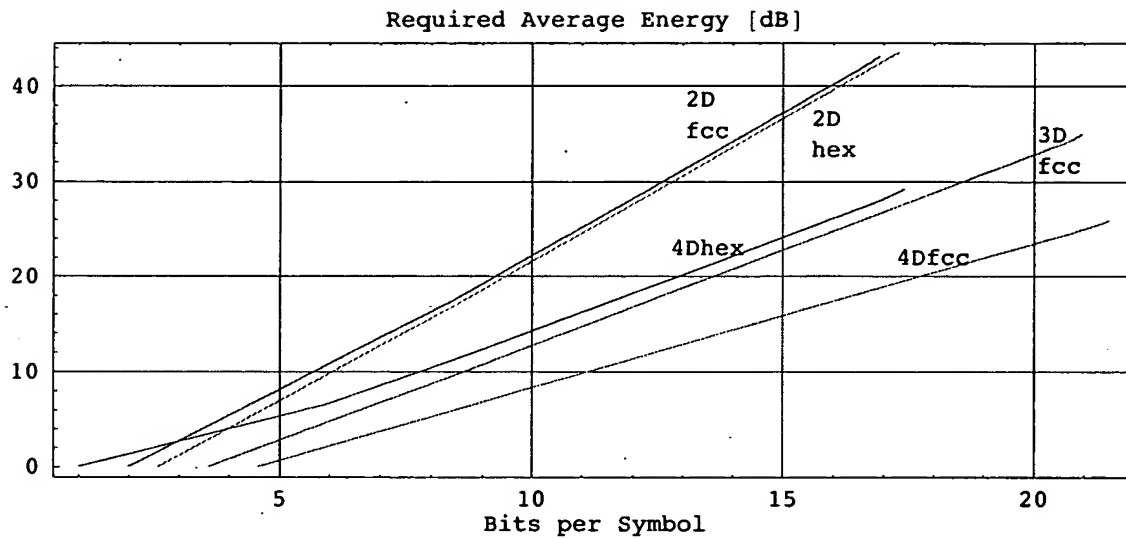


Figure 11

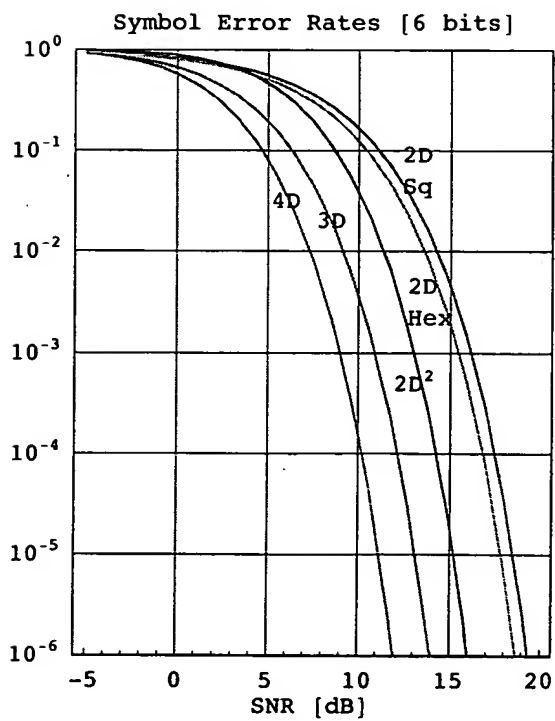


Figure 12A

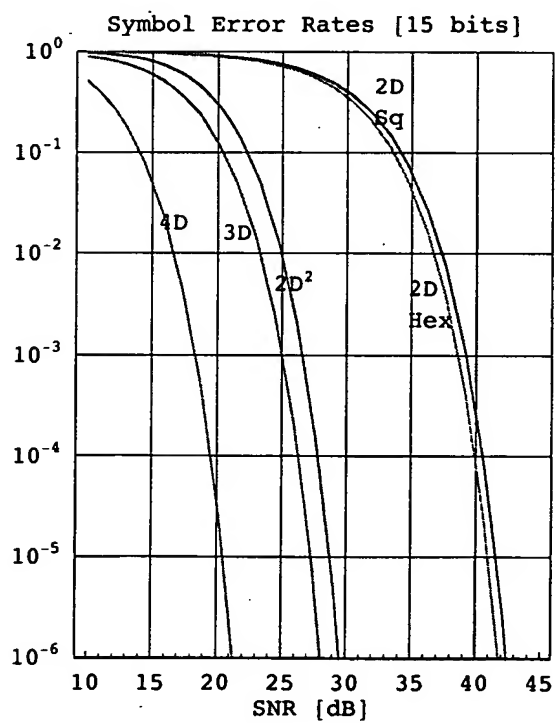


Figure 12B

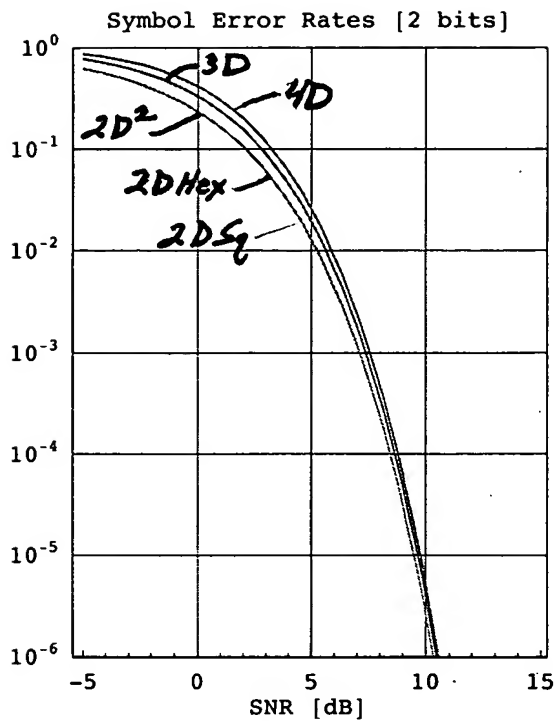


Figure 13A

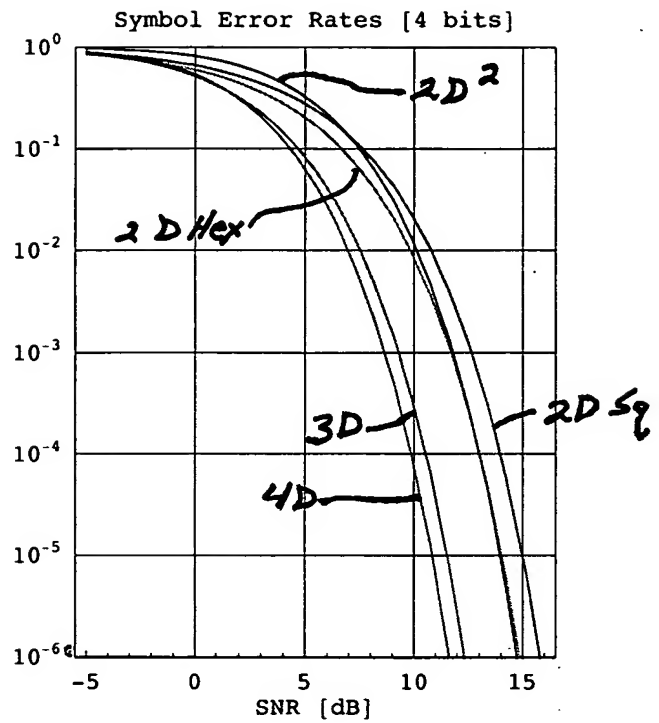


Figure 13B

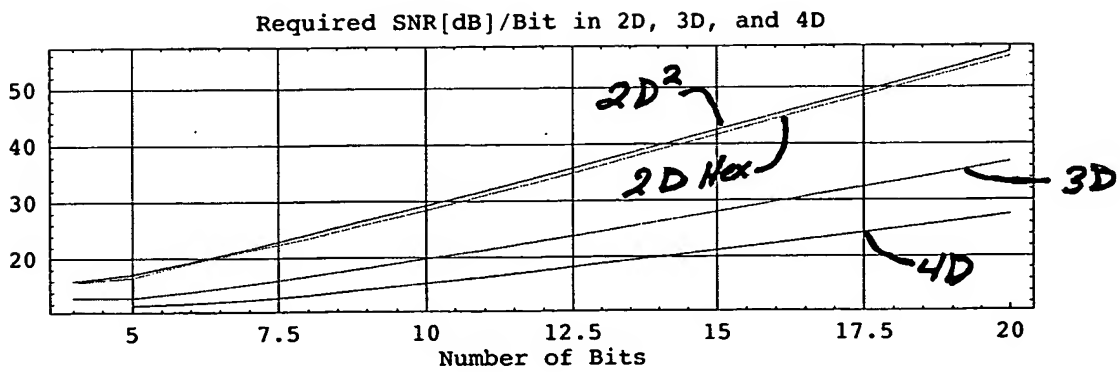


Figure 14

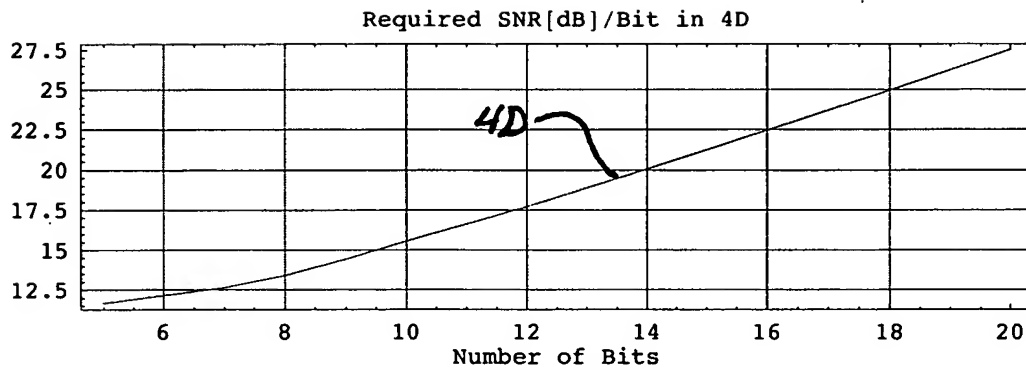


Figure 15

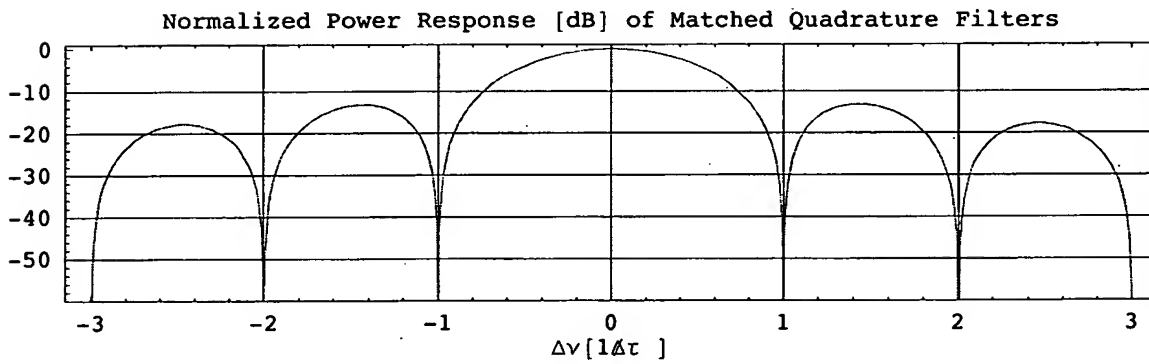


Figure 16

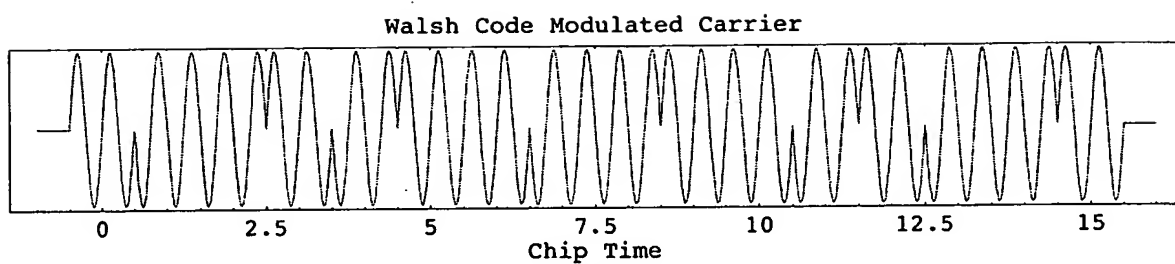


Figure 17

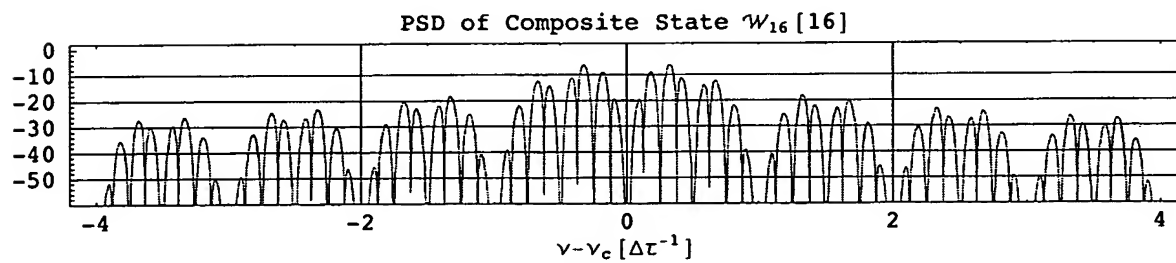


Figure 18

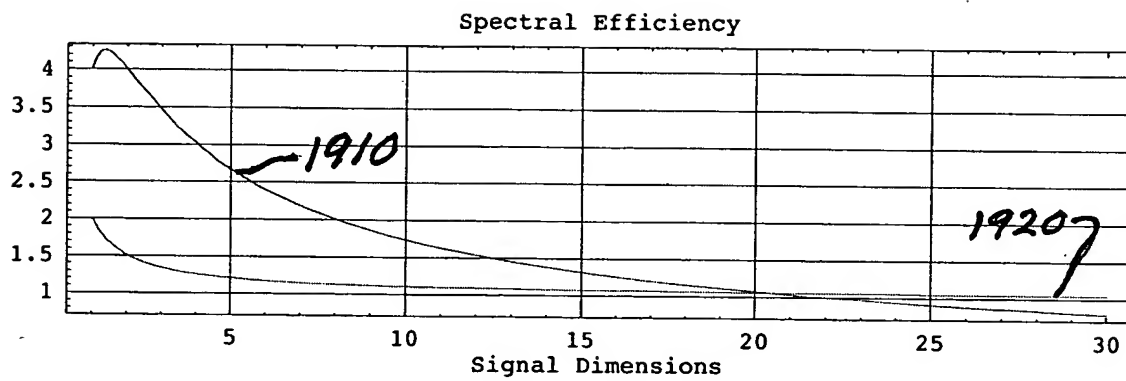


Figure 19

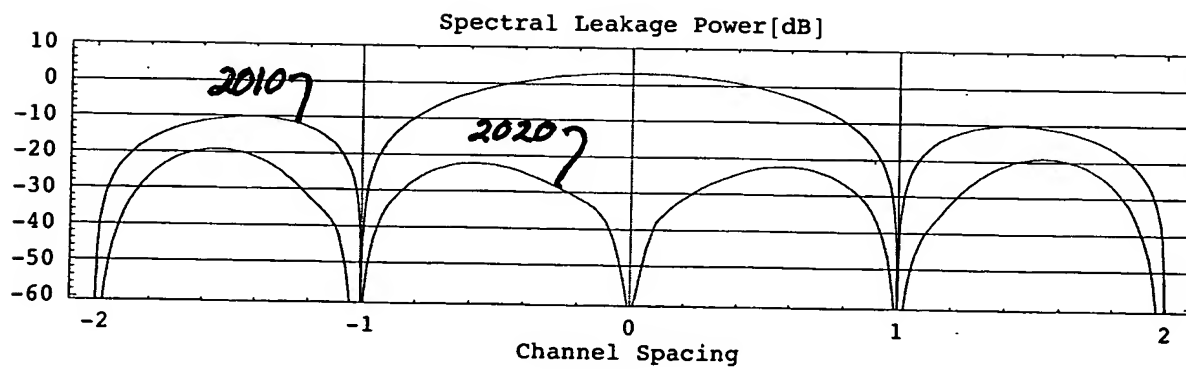


Figure 20

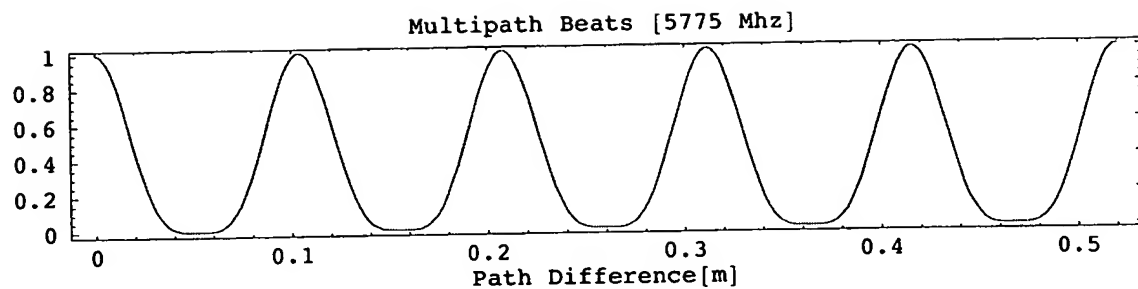
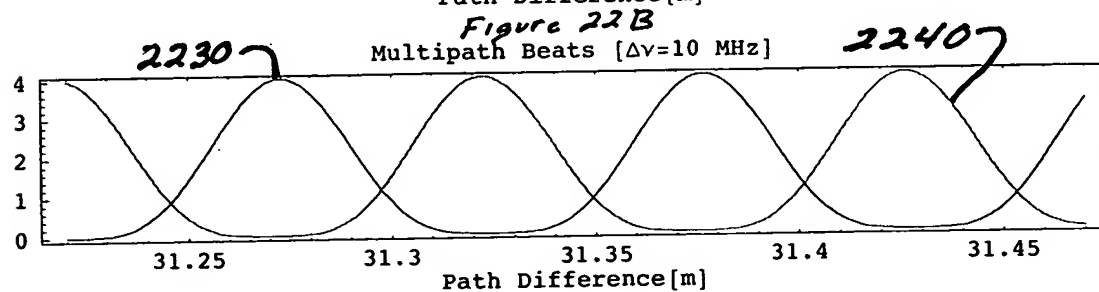
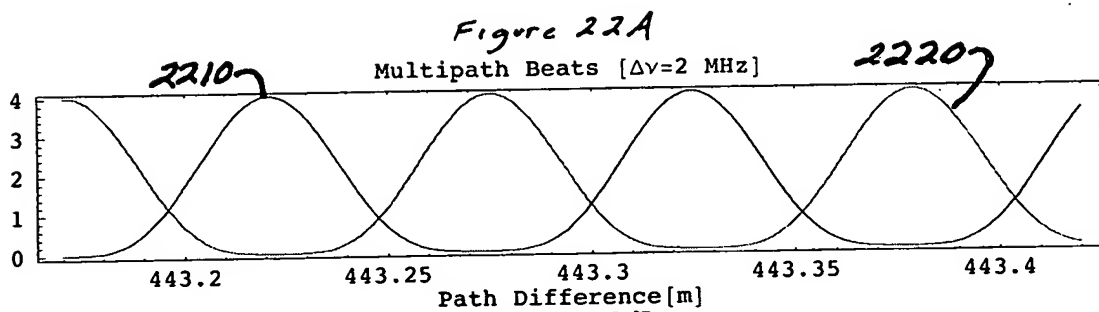


Figure 21



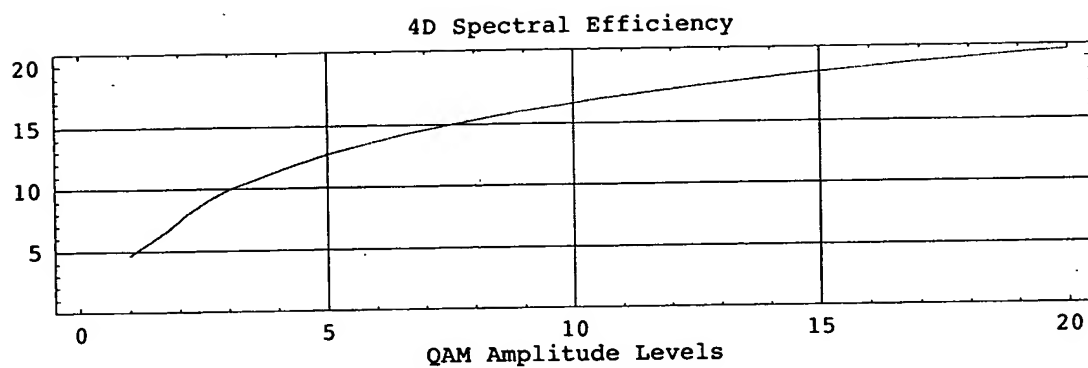


Figure 23

QPSK or 4-QAM (2 bits per symbol)

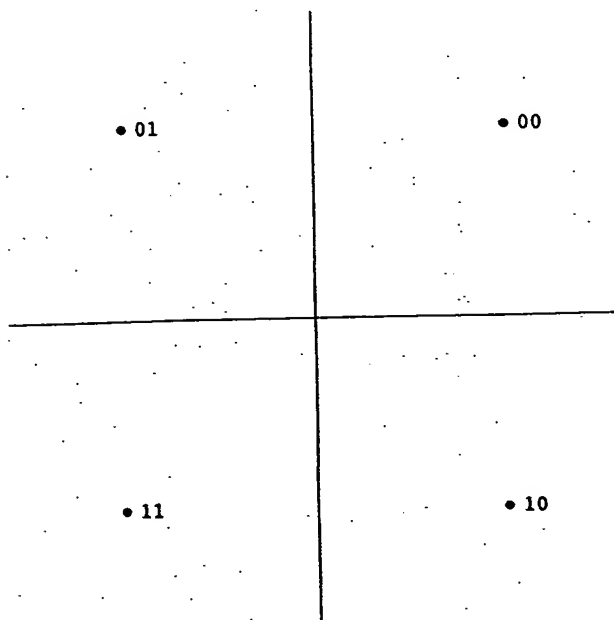


Figure 24
PRIOR ART

8-PSK (3 bits per symbol)

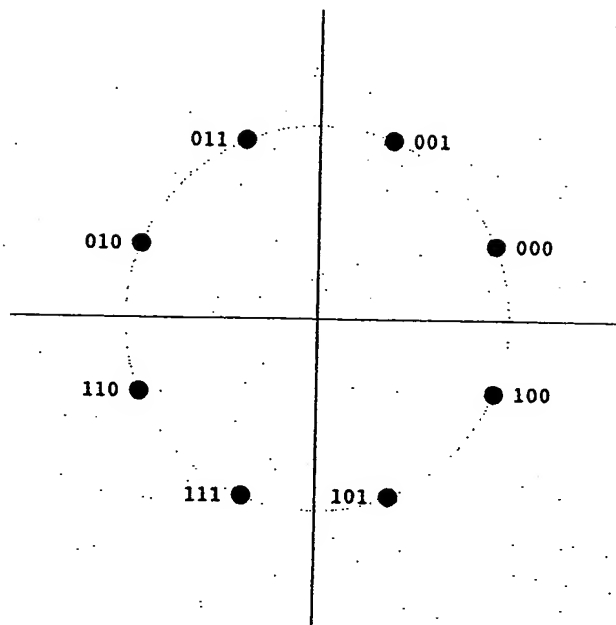


Figure 25
PRIOR ART

3-D Cubic Constellation ($4 \times 4 \times 4$) = 64 states or 6 bits per symbol

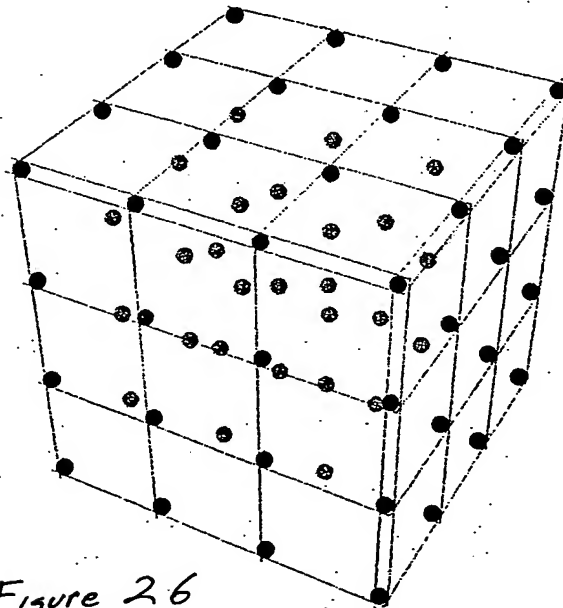


Figure 26